

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroyuki YAJIMA, Shigenori HOYA

Application No.: New U.S. Patent Application

Filed: November 15, 2001

Docket No.: 111102

For: METHOD FOR REMOVING FINE FOREIGN MATTERS, AND ROLLING  
BEARING USING THE SAME

**PRELIMINARY AMENDMENT**

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please replace claims 3-5 as follows:

3. (Amended) The method according to Claim 1, wherein the grinding medium is made from corn-cob as a raw material.
4. (Amended) The method according to Claim 1, wherein a barrel finishing machine is used in the process of removing residual fine foreign matters.
5. (Amended) A rolling bearing comprising parts from which residual fine foreign matters are removed by the method according to Claim 1.

Please add new claims 6-11 as follows:

- 6. The method according to Claim 2, wherein the grinding medium is made from corn-cob as a raw material.--

--7. The method according to Claim 2, wherein a barrel finishing machine is used in the process of removing residual fine foreign matters.--

--8. The method according to Claim 3, wherein a barrel finishing machine is used in the process of removing residual fine foreign matters.--

--9. A rolling bearing comprising parts from which residual fine foreign matters are removed by the method according to Claim 2.--

--10. A rolling bearing comprising parts from which residual fine foreign matters are removed by the method according to Claim 3.--

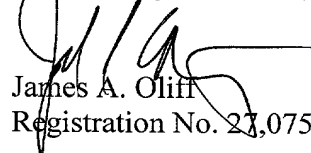
--11. A rolling bearing comprising parts from which residual fine foreign matters are removed by the method according to Claim 4.--

REMARKS

Claims 1 - 11 are pending. By this Preliminary Amendment, Claims 3-5 are amended to remove multiple dependencies and Claims 6-11 are added to compensate for the material deleted from Claims 3-5. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. 1.121(c)(1)(ii)).

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

Joel S. Armstrong  
Registration No. 36,430

JAO:JSA/mlb  
Attached: Appendix  
Date: November 15, 2001

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

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## APPENDIX

## Changes to Claims:

Claims 6-11 are added.

The following are marked-up versions of the amended claims:

3. (Amended) The method according to Claim 1 ~~or Claim 2~~, wherein the grinding medium is made from corn-cob as a raw material.
4. (Amended) The method according to Claim 1 ~~any one of Claim 1 to Claim 3~~, wherein a barrel finishing machine is used in the process of removing residual fine foreign matters.
5. (Amended) A rolling bearing comprising parts from which residual fine foreign matters are removed by the method according to Claim 1 ~~any one of Claim 1 to Claim 4~~.